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THE URBAN DISTRICT OF WIMBORNE MINSTER

ANNUAL REPORT

OF THE
MEDICAL OFFICER OF HEALTH

1953

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THE URBAN DISTRICT OF WIMBORNE MINSTER

ANNUAL REPORT

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MEDICAL OFFICER OF HEALTH

1953

THE URBAN DISTRICT OF WILBORNE MINSTER

MEMBERS OF THE COUNCIL

CHAIRMAN:- Miss M.C. Richards.

VICE-CHAIRMAN: Dr. E.H. Markby

COUNCILLORS:-

C.H. Cowdry.

K.B. Joyner

R.W.E. Cribb

A.R. Maiden

F.O. Day

F.W.J. Moore.

S.I. Dennett

L.S.D. Neate

H.C.M. Harvey

Lt. Col. W.H.B. Ray



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PUBLIC HEALTH DEPARTMENT

MEDICAL OFFICER OF HEALTH

J.B.M. Mayes, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.

SENIOR SANITARY INSPECTOR with combined duties as SURVEYOR

A.H.E. Gellender. M.R.S.I.

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

It is shown that the function $f(x)$ is increasing and concave down on the interval $(-\infty, \infty)$.

2. In the second part of the paper, we consider the function $g(x)$ defined by the equation

$$g(x) = \int_0^x \frac{1}{1+t^4} dt$$

It is shown that the function $g(x)$ is increasing and concave down on the interval $(-\infty, \infty)$.

Public Health Department,
Civic Centre,
Wimborne.

TO:-

The Chairman and Councillors of the Wimborne Minster
Urban District Council:-

The Annual Report on the health and sanitary circumstances
of the Urban District is submitted for your information and consideration.

The Report is presented as follows:-

- A. Vital Statistics
- B. General provisions of Health Services in Area.
- C. Sanitary Circumstances of the Area:-
 - 1. Water.
 - 2. Sewerage.
 - 3. Refuse Collection and Salvage.
 - 4. Rodent Control.
 - 5. Nuisances.
- D. Housing
- E. Factories and Workshops
- F. Inspection and Supervision of Food
- G. Prevalence of Infectious Diseases.

I wish to take this opportunity of thanking the Chairman
and members of the Council for their kindness and consideration.

I have much appreciated the help and co-operation given
to me by the staff of the public health department, officials in
other departments and by my professional colleagues in practice in
the area.

JULY, 1954.

J.B.M. Mayes.

MEDICAL OFFICER OF HEALTH

SECTION A
GENERAL STATISTICS.

1. Area of district..... 653 acres.
2. Population estimated by Registrar General.....4475
3. Total number of inhabited houses as at
31st December 1953 (Rate Book).....1450
4. Rateable value at 1st April, 1953.....£34525
5. Sum represented by penny rate..... £138.6.2.

SUMMARY OF VITAL STATISTICS
FOR THE YEAR

<u>Live Births</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>
Total registered.....	66	31	35
Legitimate.....	63	29	34
Illegitimate.....	3	2	1
<u>Stillbirths</u>			
Total registered.....	3	0	3
Legitimate.....	3	0	3
<u>Deaths</u>			
Total registered.....	103	43	60
<u>Infant Mortality</u>			
Deaths of infants under one year of age....	2	0	2

Comparative Statistics
(where available)

	<u>Wimborne</u>	<u>England and Wales.</u>
Live Birth Rate per 1,000 estimated home population.....	14.75	15.5.
Live Birth Rate per 1,000 estimated home population using comparability factor.	16.96	
Still Birth Rate per 1,000 total (live and still births)	43.47	22.4
Death Rate per 1,000 estimated home population.....	23.02	11.4
Death Rate per 1,000 estimated home population, using comparability factor.	16.34	
Death Rate of infants under one year of age per 1,000 related live births...	30.30	26.8

Causes of Death during the
year 1953
(Supplied by Registrar General)

<u>Cause.</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Respiratory tuberculosis.....	0	1	1
Malignant neoplasm - stomach.....	1	2	3
Malignant neoplasm - breast.....	0	2	2
Malignant neoplasm - uterus.....	0	1	1
Other malignant neoplasms.....	2	1	3
Diabetes.....	2	1	3
Vascular lesions nervous system.....	3	11	14
Coronary disease.....	6	3	9
Hypertension with heart disease.....	1	0	1
Other heart diseases.....	7	11	18
Other circulatory diseases.....	8	11	19
Pneumonia.....	0	1	1
Bronchitis.....	4	3	7
Nephritis and Nephrosis.....	0	2	2
Other diseases.....	9	9	18
Accidents.....	0	1	1

COMMENTS ON THE VITAL STATISTICS

Births

The same number of children were born this year as last. 66 in 1953 and 1952, 50 in 1951, 63 in 1950.

The live birth rate using the comparability factor compares favourably with that of England and Wales and is a fraction higher than last year. 16.96 in 1953, 16.87 in 1952.

Deaths

More persons died in 1953 compared with 1952, 103 in 1953, 55 in 1952 and of the 103, 28 males and 48 females were over 70 years of age. There was nothing unusual in the causes of deaths and there were no deaths from diphtheria, whooping cough, measles, scarlet fever, nor from meningococcal infection. There were no maternal deaths.

In 1953, two children died under one year of age, compared with none in 1952 and one in 1951.

The comparability factor is worked out for each district by the Registrar General. The purpose of this factor is to level out differences of age and sex constitution of the population of the various districts and enables more accurate comparisons to be made of birth and death rates in other areas.

SECTION B
GENERAL PROVISIONS OF THE HEALTH SERVICES

PUBLIC HEALTH LABORATORY

The Public Health Laboratories at Boscombe and Dorchester continue to give the district generous service. The Laboratories undertake the bacteriological examination of water, milk, ice cream and other foods. It also examines specimens for diagnosis in the case of infectious or suspected infectious diseases.

AMBULANCE SERVICE

The Ambulance Service of the district is under the jurisdiction of the Dorset County Council, operating day and night from the Civic Centre.

WELFARE CENTRE

The Dorset County Council provide an Infant Welfare Centre at the Women Institutes Hall every Tuesday.

DOMESTIC HELP SERVICE

The Domestic Help Service continued to give good service during the year. This is under the jurisdiction of the Dorset County Council.

ANTE NATAL CLINIC

The Dorset County Council provide an Ante-Natal Clinic held in the Womens Institute Hall on the second and fourth Tuesday in each month.

SECTION C
SANITARY CIRCUMSTANCES OF THE AREA

1. WATER SUPPLY

The Bournemouth Water Company is the statutory water undertaker for the area. The majority of the water is derived from a deep well situated at Walford, Near Wimborne. It is chlorinated and softened. 11 samples of main water taken for bacteriological analysis have given highly satisfactory results.

The samples taken from the three shallow wells used for domestic purposes were satisfactory.

2. DRAINAGE AND SEWERAGE

In January, 1953, the Council was informed that the application sent to the Dorset County Council for financial assistance under section 307 of the Public Health Act, 1936, was not acceded to, and following further consideration of the position, the Council decided to proceed with the Sewerage Scheme in three stages. Details of the first stage were prepared and approved by the Council.

The Council asked the County Council to reconsider the decision refusing to give financial assistance under the Public Health Act, and at the close of the year the Council was awaiting the result of the County Council's consideration of a recommendation of their Health and Social Services Committee.

The Council has since been informed that the County Council has approved in principle a grant towards the cost of the Scheme, the amount of the grant will be decided after consultation between representatives of both Councils.

CESSPOOLS AND SEPTIC TANKS

The Council undertake to empty these free of charge once in three months and the number emptied during 1953 was 386

PAIL CLOSETS

There are 771 properties served by pail closets. These are emptied twice a week by the Council's workmen. There are four food premises and seventeen houses through which these pails have to be carried. The sewage collected is taken three and a half miles to Ferndown, deposited in deep pits and covered with soil after the contents have settled.

3. REFUSE COLLECTION AND SALVAGE.

Weekly collections are made by the Council and the refuse is disposed of by incineration at Poole. During the year, 9 tons of waste paper were sold.

1914

1914

1914

1914

1914

1914

1914

1914

1914

1914

4. RODENT CONTROL

<u>Type of Vermin</u>	<u>Private Premises</u>	<u>Business Premises.</u>	<u>Council Premises</u>	<u>Total</u>
Total number of visits by staff:-	138	124	4	266
(a) on complaint.	14	10	-	24
(b) on survey.	124	30	-	154
Total number of premises found infested:-				
(a) on complaint	10	11	-	22
(b) on survey	25	14	-	39
Number of premises treated .	20	14	-	34
Number of premises cleared.	10	6	1	17
Number of premises re- treated and cleared.	6	4	-	10
Number of pre-baits laid	60	20	1	81
Number of poison baits laid	12	8	1	21
Number of post baits laid	60	19	1	80
Estimated number of rats destroyed.	120	109	30	259
Number of bodies recovered.	40	50	10	100

<u>Type of Vermin</u>	<u>Private Premises</u>	<u>Business Premises.</u>	<u>Council Premises.</u>	<u>Total</u>
Number of complaints received.	8	6	-	14
Number of premises treated.	8	6	-	14
Number of premises cleared.	6	3	-	9
Number of instances where other methods used. (Oatmeal and Warfarin)	600	252	30	882

5. Nuisances.

Number of complaints received.....	5
Number remedied by informal notices.....	5
Inspections.....	12
New drains tested. Number of premises.....	21

SECTION D HOUSING.

Number of Council Houses completed pre-war.....	122
Number of Council Houses completed post-war.....	119
Number of Council Houses and Bungalows constructed and completed in 1953.....	Nil
Private enterprise.....	7
Number of Council Houses or bungalows under construction at the end of December, 1953.....	Nil

1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

2. The second part of the document is a list of the names of the members of the committee who have been elected to the office of Chairman. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

3. The third part of the document is a list of the names of the members of the committee who have been elected to the office of Secretary. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

4. The fourth part of the document is a list of the names of the members of the committee who have been elected to the office of Treasurer. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

5. The fifth part of the document is a list of the names of the members of the committee who have been elected to the office of Auditor. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

6. The sixth part of the document is a list of the names of the members of the committee who have been elected to the office of Clerk. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

7. The seventh part of the document is a list of the names of the members of the committee who have been elected to the office of Librarian. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

8. The eighth part of the document is a list of the names of the members of the committee who have been elected to the office of Steward. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

9. The ninth part of the document is a list of the names of the members of the committee who have been elected to the office of Marshal. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

10. The tenth part of the document is a list of the names of the members of the committee who have been elected to the office of Sergeant-at-Arms. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

11. The eleventh part of the document is a list of the names of the members of the committee who have been elected to the office of Doorkeeper. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

12. The twelfth part of the document is a list of the names of the members of the committee who have been elected to the office of Chaplain. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

13. The thirteenth part of the document is a list of the names of the members of the committee who have been elected to the office of Organist. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

14. The fourteenth part of the document is a list of the names of the members of the committee who have been elected to the office of Cantor. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

15. The fifteenth part of the document is a list of the names of the members of the committee who have been elected to the office of Reader. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

16. The sixteenth part of the document is a list of the names of the members of the committee who have been elected to the office of Chorister. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

17. The seventeenth part of the document is a list of the names of the members of the committee who have been elected to the office of Soloist. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

18. The eighteenth part of the document is a list of the names of the members of the committee who have been elected to the office of Accompanist. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

SECTION E
FACTORIES AND WORKSHOPS

Number of factories registered..... 45
Number of inspections..... 56

FACTORIES ACT 1937 and 1948 - Part One of the Act.

	<u>Number on</u> <u>Register</u>	<u>Inspections.</u>
1. Factories in which no mechanical power is used.....	14	11
2. Factories in which mechanical power is used.....	30	45
3. Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises).....	1	Nil

Number of cases in which defects were found:-

<u>Particulars</u>	<u>Found</u>	<u>Remedied.</u>
1. Sanitary conveniences		
(a) insufficient.....	1	1
(b) unsuitable or defective.....	1	1

Outworkers.

During the year two outworkers were employed in the district.
No infectious disease occurred in either of the premises where these outworkers resided.

SECTION F
INSPECTION AND SUPERVISION OF FOOD

ICE CREAM PREMISES

Number of Registered Ice Cream Premises.....21

Number of samples taken.....85

Provisional Grade 1..... 77
Provisional Grade 2..... 7
Provisional Grade 3..... Nil
Provisional Grade 4..... 1

Provisional Grades of Ice Cream

<u>Provisional Grade.</u>	<u>Time taken to reduce methylene blue</u>
1	4½ hours or more
2	2½ hours - 4 hours
3	½ hour - 2 hours
4	0

NOTE:-

Judgement should be based on a series of samples. It is suggested that over a six monthly period, 50 per cent of a vendor's samples should fall into Grade 1, 80 per cent into Grades 1 and 2, not more than 20 per cent into Grade 2 and none into Grade 4.

FOOD PREMISES

Number of food premises visited.....7

Number of visits.....10

MILK AND DAIRIES REGULATIONS 1949

Number of Registered Dairies in area..... 1

DEALERS' LICENCES

Tuberculin Tested..... 2

Pasteurised..... 2

SUPPLEMENTARY LICENCES

Tuberculin tested..... 3

Pasteurised..... 4

AGE INCIDENCE OF INFECTIOUS DISEASES

	Under 1.	1 - 2	3 - 4	5 - 9	10 - 14	15 - 24	Over 25
Whooping Cough.		1	1	3			
Measles.	3	28	42	95	7	1	
Acute Pneumonia.				1		1	1
Scarlet fever.				1	1		
Acute Poliomyelitis.			2				3

